General

Specifications	TC-600
Frequency Range	VHF：136-150 MHz 150-174 MHz
	UHF：400-420 MHz 450-470 MHz
Channel Capacity	16
Channel Spacing	25 /12.5 KHz
Operating Voltage	7.2V
Battery	1250mAh (Li-ion)
Battery Life	1250mAh Li-ion Battery— More than 10 hours
(5-5-90 duty cycle)	1100mAh Ni-MH Battery— More than 8 hours
Frequency Stability	±5ppm
Operating Temperature	-20℃～+60℃
Antenna Impedance	50Ω
Dimensions（L×W×H）(without antenna & battery)	109 mm×53mm×32mm
Weight(with antenna & battery)	270 g

Transmitter	TC-600
RF Power Output	5W/2W（VHF） 4W/2W（UHF）
Modulation	F3E
Spurious and Harmonics	-36dBm<1GHz -30dBm>1GHz
FM Noise	40/34dB
Audio Distortion	≤5 %

Receiver	TC-600
Sensitivity	0.25/0.28μv
Selectivity	60/55dB
Intermodulation	60dB
Spurious Response Rejection	60dB
S/N	40/34dB
Audio Power Output	500mW
Audio Distortion	≤5%

Applicable MIL-STD-810 C/D/E/F

Standard	MIL 810 C Methods / Procedures	MIL 810 D Methods / Procedures	MIL 810 E Methods / Procedures	MIL 810 F Methods / Procedures
Low Pressure	500.1/ Procedure I	500.2/ Procedure I,II	500.3/ Procedure I,II	500.1/ I
High Temperature	501.1/ Procedure I,II	501.2/ Procedure I,II	501.3/ Procedure I	501.4/ I
Low Temperature	502.1/ Procedure I	502.2/ Procedure I,II	502.3/ Procedure I,II	502.4/ I,II
Temperature Shock	503.1/ Procedure I	503.2/ Procedure I	503.3/ Procedure I	503.4/ I
Solar Radiation	505.1/ Procedure I	505.2/ Procedure I	505.3/ Procedure I	505.4/ I
Rain	506.1/ Procedure I,II	506.2/ Procedure I,II	506.3/ Procedure I,II	506.4/ I,II
Humidity	507.1/ Procedure II	507.2/ Procedure II,III	507.3/ Procedure II,III	507.4/ I
Salt Fog	509.1/ Procedure I	509.2/ Procedure I	509.3/ Procedure I	509.4/ I
Dust	510.1/ Procedure I	510.2/ Procedure I	510.3/ Procedure I	510.4/ I
Vibration	514.2/ Procedure VIII,X	514.3/ Procedure I	514.4/ Procedure I	514.5/ I
Shock	516.2/ Procedure I,II,V	516.3/ Procedure I,IV	516.4/ Procedure I,IV	516.5/ I,IV

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Your Local Dealers :

HYT

Professional
Two-way Radio

TC-600

The Cost Effective Professional Radio

- **Wide Communication Range**
- **High-quality audio**
- **Rugged and Durable**
- **Extended Operation Time**

TC-600

——The Cost Effective Professional Radio

The combination of advance performance and cost-effective productivity make the TC-600 a strong option for growing business organization, as well as any organization concerned with security and quick response. It has been ergonomically designed to handle easily, with bigger knobs and controls that can be easily operated even wearing heavy gloves. It offers a wide range of features and a rugged design, all in a surprisingly light weight radio (270 gm with the standard Li-ion battery). Experienced users will appreciate many of the TC-600's enhancements and design features. The TC-600 also offers an extremely high level of sound clarity and dynamics for a professional radio at this price.

Actual Size

Key Features

Wide Communication Range
High power output and wide communication range up to 6Km in open space.

High-quality audio
Audio quality is critical for effective communications. The speaker delivers crisper, clearer and stronger audio because of improved acoustic mechanics, allowing users to continue communicating even in noisy and harsh conditions.

Rugged and Durable
With rugged and compact design, the TC-600 is durable enough to withstand 1.5m drop and meet MIL-STD-810 C/D/E/F.

Extended Operation Time
An extended life Li-ion battery provides 10hrs talktime at a lighter weight, for greater productivity.

Applications

Construction, Transportation, Logistics and Warehouse
The speaker delivers crisper, clearer and stronger audio because of improved speaker mechanics. You will be assured of reliable communication even in noisy and harsh conditions, such as Construction, Transportation, Logistics and Warehouse applications.

Hospitality
The lightweight and compact TC-600 series allow you to serve your guests faster with increased mobility, without being weighed down by your communication tools. In a service business where customer satisfaction is critical, such as Hotels and Restaurants, Supermarkets and Retail, two-way radios are key to information sharing, staff redeployment and coordination services.

Main Features

High/Low Power Switchable
High/low output power switchable per channel via programmed key, tailored for user environment.
Low output power for battery saving when communication within limited range coverage; while high output power optimizes range coverage when further distance required.

Programmable 12.5kHz /25kHz Channel Spacing
The feature enables flexibility and easy migration of channel spacing requirements when the need arises, and no need to buy new radios.

DTMF ANI Encode
DTMF ANI can be set on or off for each channel, for dispatch operations or for a simple remote control application.

2-Tone Encode and Decode
The 2-Tone encoder and decoder functions are assignable per channel, an incoming message is signaled with audio and visual alert.

Monitor
The feature is to monitor the activities on the current channel, and especially helpful for adjusting volume or receiving a weak signal.

Battery Save
Once no activity on the channel and no operation performed, the Battery Save feature is automatically turned on, for extended operation time.

Low Battery Alert
The top-mounted LED flashes red to alert users to recharge the battery should the battery level run low.

Busy Channel Lockout
The feature further improves channel management by preventing transmission if another talk group is already on the air.

Time-out Timer
The feature allows for more efficient use of channels by limiting the amount of time for which a user can transmit.

Wired Clone
Cloning enables duplication of radios in the field via a simple interface cable, without the use of a PC or special equipment.

PC Programming
The feature allows you to customize each radio to fit your needs.

Squelch Tail Elimination
The function will minimize the annoying audio outputs that occur at the receiver on completion of a transmission.

Selectable Squelch Level (0-9)
The purpose of squelch is to mute audio output from the speaker when no signals are present. The higher the squelch level selected, the stronger the signals must be to receive. The appropriate squelch level depends on ambient RF noise conditions.

Priority Scan
Priority scan permits scanning of all channels while simultaneously monitoring a priority channel, allowing for activity even while receiving a call on another non-priority channel.
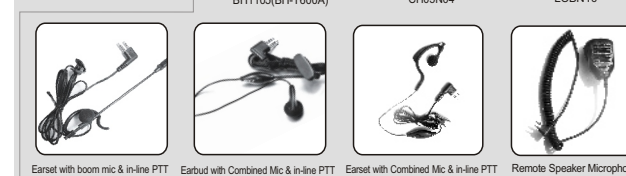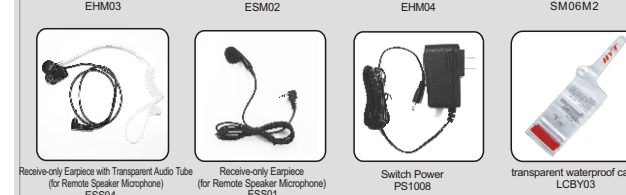
Accessories

Standard Accessories

Switch Power	Charger CH10L03 (HC2100HLi)	Antenna AN0455W02	Battery(1250mAh Li-ion) BL1203(BL-T600A)

Optional Accessories

Belt Clip BC01	Battery（1100mAh Ni-MH） BH1105(BH-T600A)	Rapid Charger(for Ni-MH battery) CH05N04	Leather Case LCBN10
Earset with boom mic & in-line PTT EHM03	Earbud with Combined Mic & in-line PTT ESM02	Earset with Combined Mic & in-line PTT EHM04	Remote Speaker Microphone SM06M2
Receive-only Earpiece with Transparent Audio Tube (for Remote Speaker Micophone) ESS04	Receive-only Earpiece (for Remote Speaker Microphone) ESS01	Switch Power PS1008	transparent waterproof case LCBY03